

What is claimed is:

1. A virtual reality encounter system comprising,
motion sensors positioned on a human user, the motion
5 sensors sending motion signals corresponding to movements of
the user as detected by the motion sensors relative to a
reference point the motion signals over a communications
network; and

10 a humanoid robot, receiving, from the communications
network, the motion signals to induce movement of the robot
according to movement of the human user.

15 2. The system of claim 1, wherein the robot includes
actuators corresponding to the motion sensors, the actuators
causing the robot to move.

3. The system of claim 1, wherein the robot has life-like features, the robot comprises:

a body;

20 a camera coupled to the body, the camera for sending
video signals to the communications network; and

a microphone coupled to the body, the microphone for
sending audio signals to the communications network.

25 4. The system of claim 3, further comprising:

a set of goggles including a display to render the video
signals received from the camera and a transducer to transduce
the audio signals received from the microphone.

5. The system of claim 4, wherein the robot is at a first location and the set of goggles is at a second location the system further comprising:

5 a second humanoid robot in the second location, the second robot having a second microphone and a second camera; and

a second set of goggles to receive the video signals from the first camera and a second earphone to receive the audio signals from the first microphone.

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6. The system of claim 1, wherein the communications network comprises:

a first communication gateway in the first location; and
a second communication gateway in the second location,
15 the second processor connected to the first processor via a network.

7. The system of claim 4, wherein the communications network comprises an interface having one or more channels
20 for:

receiving the audio signals from the microphone;
receiving the video signals from the camera;
sending the audio signals to the set of goggles; and
sending the audio signals to the transducer.

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8. The system of claim 4, wherein the body includes an eye socket and the camera is positioned in the eye socket.

9. The system of claim 4, wherein the body includes an
30 ear canal and the microphone is positioned within the ear canal.

10. The system of claim 9, wherein the set of goggles, comprise a receiver to receive the video signals.

5 11. The system of claim 4, wherein the robot, comprises a transmitter to wirelessly send the audio signals, motion signals and the video signals to the communications network.

10 12. The system of claim 1, further comprising:
a first communication gateway in the first location the
first communication gateway further comprising:
a computing device that receives the motion signals and
transmits the motion signals over the communications network.

15 13. A method of having a virtual encounter, comprising:
sending motion signals from motion sensors positioned on
a human user, the motion signals corresponding to movements of
the human user as detected by the motion sensors relative to a
reference point, the motion signals being transmitted over a
20 communications network;
receiving, at a humanoid robot, the motion signals sent
by the motion sensors; and
inducing a movement of the robot according to movement of
the human user.

25 14. The method of claim 13, wherein receiving comprises
receiving signals from the motion sensors at corresponding
actuators coupled to the robot, causing a movement comprises
the actuators causing the robot to move.

30 15. The method of claim 13, further comprising:

sending audio signals over the communications network,
the audio signals being produced from a microphone coupled to
the robot;

5 sending the video signals to the communications network,
the video signals being produced from a camera coupled to the
robot;

 rendering the video signals received from the
communications network using a display embedded in a set of
goggles; and

10 transducing the audio signals received from the
communications network using a transducer embedded in the set
of goggles.

16. The method of claim 15, further comprising:

15 sending audio signals to the communications network from
a second microphone coupled to a second robot having life-like
features;

 sending video signals to the communications network from
a second camera coupled to the second mannequin;

20 rendering the video signals received from the
communications network onto a monitor coupled to a second set
of goggles; and

25 transducing the audio signals received from the
communications network using a second transducer embedded in
the second set of goggles.

17. The method of claim 15, wherein the robot includes
an eye socket and the camera is positioned in the eye socket.

18. The method of claim 15, wherein the robot includes an ear canal and further comprising positioning the microphone within the ear canal.

5 19. The method of claim 15, wherein the set of goggles, comprises a receiver to receive the video signals.

10 20. The method of claim 15, wherein the robot further comprises a transmitter to wirelessly send the audio signals, the motion signals and the video signals to the communications network.